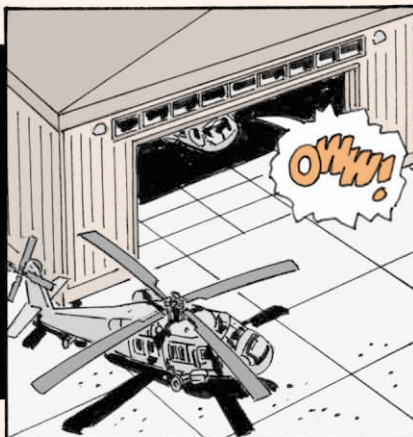


STRAPPED FOR TIME



Dear Rotor,

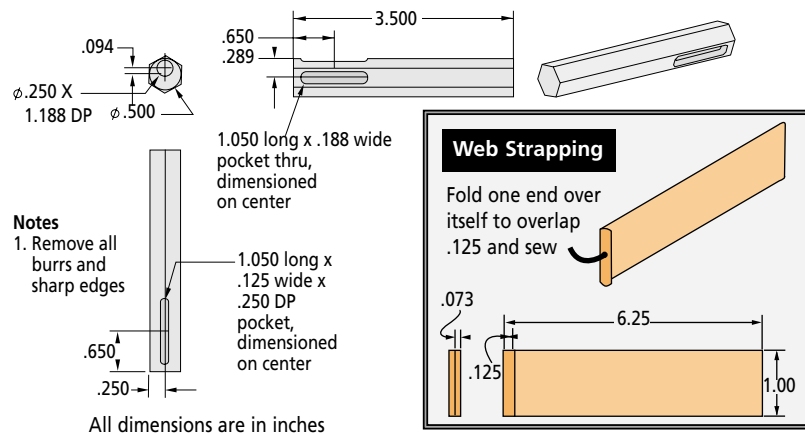
Banged-up knuckles show up first when mechanics work with tools in tight places on an aircraft. That's bad enough, but factor in the extra time it takes to maneuver a tool around in cramped space and you really get the picture.

Many Black Hawk cannon plugs require plug pliers to remove the plugs. In tight spaces, the pliers are ineffective in tight spots, and are almost impossible to use. And it takes a long time to loosen a plug.

But we've come up with a cannon plug strap wrench that can be a useful work aid in removing plugs much easier and faster without the bruised knuckles and wasted time.

Here are the plans to make the tool:

Cannon plug strap wrench



After the tool is made, make the strap from 6 1/4-in of webbing strap, NSN 1680-00-967-1821.

1. Fold one end of the strap over and sew it so it's approximately .125-in thick. Burning the other end prevents unraveling and eases installation.

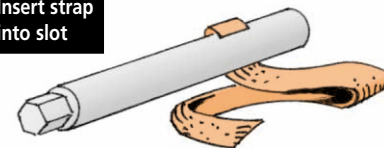
2. Insert the thin end in through the .188 slot and bring it out through the .125 slot.

3. Once it is started through the .125 slot, pull until the sewn end is through the .188 slot. Pull strap tight until the sewn end is nested clear of the .188 slot.

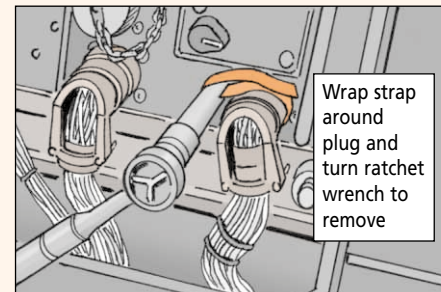
Use the strap wrench by wrapping the strap around the cannon plug and feeding the end of the strap through the .188 slot. Then pull it tight. Turn the wrench counter-clockwise to loosen the plug. Be careful not to damage receptacle pins.

Sgt Andres Chamorro Jr.
MA Army National Guard

Insert strap into slot



Wrap strap around plug and turn ratchet wrench to remove



Great tool! That's a wrap for this problem. *Rotor Blade*